

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	4	("6219946").URPN.	USPAT	OR	ON	2009/09/17 07:49
L7	16	("3999745"   "4006832"   "4191280"   "4280600"   "4323283"   "4662486"   "4921272"   "4981199"   "5289615"   "5499463"   "5558190"   "5613308"   "5815960"   "5823306"   "5839213"   "5911290").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/09/17 07:49
S1	372	(37/444).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/21 11:46
S2	244	(37/398).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/21 11:46
S3	610	S1 S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/21 11:46
S4	47	S3 and piston	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/21 11:55
S5	4	(("5974705") or ("6219946")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/21 11:59
S6	427	(37/444,445).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/21 12:21
S7	660	S6 S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/21 12:21
S8	51	S7 and piston	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/21 12:21

S10	16	("3999745"   "4006832"   "4191280"   "4280600"   "4323283"   "4662486"   "4921272"   "4981199"   "5289615"   "5499463"   "5558190"   "5613308"   "5815960"   "5823306"   "5839213"   "5911290").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/21 13:33
S11	4	("6219946").URPN.	USPAT	OR	OFF	2008/07/21 14:07
S12	4	("6219946").URPN.	USPAT	OR	OFF	2008/07/21 15:18
S13	65	(37/445).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/07/21 15:19
S14	213	bucket and (snubber dampen\$) and piston	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/28 14:50
S15	3	("5974705").URPN.	USPAT	OR	OFF	2008/07/28 17:01
S16	12	("3140080"   "3402486"   "4006832"   "4054186"   "4057237"   "4063373"   "4609081"   "4723639"   "4770083"   "5064033").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/28 17:02
S17	474	bucket and throttle and piston	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/28 17:11
S18	34	bucket and throttle and piston and "37"\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/28 17:12
S19	32	bucket and throttle and piston and "37"\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/07/28 17:12

S20	438	(37/444,445).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/20 18:29
S21	382	(37/444).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/20 18:31
S22	244	(37/398).OCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/04/20 18:31
S23	671	S20 S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/20 18:34
S24	502	(414/726).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/20 18:34
S25	1090	S23 S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/20 18:34
S26	16	("3999745"   "4006832"   "4191280"   "4280600"   "4323283"   "4662486"   "4921272"   "4981199"   "5289615"   "5499463"   "5558190"   "5613308"   "5815960"   "5823306"   "5839213"   "5911290").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/20 18:38
S27	1079	((60/469) or (267/217,137)).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/20 18:38
S28	1579	(188/312,317).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/20 18:56
S29	2084	S24 S26 S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/20 18:56

S30	43	S29 and change near3 volume	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/20 18:57
S31	4	("6219946").URPN.	USPAT	OR	ON	2009/04/20 21:42
S32	12	("3140080"   "3402486"   "4006832"   "4054186"   "4057237"   "4063373"   "4609081"   "4723639"   "4770083"   "5064033").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/20 21:43
S33	5	("4063373").URPN.	USPAT	OR	ON	2009/04/20 21:43
S34	444	(37/444,445).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/16 12:29
S35	246	(37/398).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2009/09/16 12:29
S36	502	(414/726).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/16 12:29
S37	1580	(188/312,317).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/16 12:29
S38	1088	((60/469) or (267/217,137)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/16 12:29
S39	3743	S34 S35 S36 S37 S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/09/16 12:29

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	((37/444,445,398) or (188/312)).CCLS.	UPAD	OR	OFF	2009/09/17 07:47
L4	16	(37/444,445,398).CCLS.	UPAD	OR	OFF	2009/09/17 07:47

L5	0	(188/312).CCLS.	UPAD	OR	OFF	2009/09/17 07:47
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